



Atty. Dkt. No. 047940-0148

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THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Hassan M. FATHALLAH-SHAYKH

Title: METHODS FOR ELIMINATING  
FALSE DATA FROM  
COMPARATIVE DATA MATRICES  
AND FOR QUANTIFYING DATA  
MATRIX QUALITY

Appl. No.: 10/633,875

Filing Date: 08/04/2003

Authorized Shubo "Joe" Zhou  
Officer:

Art Unit: 2857

<p><b>CERTIFICATE OF MAILING</b></p> <p>I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below.</p> <p><u>Michelle Manning</u> (Printed Name)</p> <p><u>[Signature]</u> (Signature)</p> <p><u>09/08/04</u> (Date of Deposit)</p>
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.56**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO-1449 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR §1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

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**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(b)(3), and before the mailing date of a first Office Action on the merits.

In the event that a first Office Action has been mailed, then the listed documents are submitted in compliance with 37 CFR § 1.97(c)(2), and before the mailing date of any final office action, notice of allowance, or other action that closes prosecution of the application. The Commissioner is hereby authorized to charge the fee of \$180.00 (Fee Code 1806) set forth in 37 CFR § 1.97(c)(2) and § 1.17(p) to Deposit Account No. 50-2350 for such purpose, but only if a first Office Action has been mailed prior to the filing of this Information Disclosure Statement. The listed documents were cited in an International Search Report (ISR) dated August 27, 2004, for a related PCT application. A copy of the ISR is enclosed.

**RELEVANCE OF EACH DOCUMENT**

All of the documents are in English.

Applicant respectfully requests that any listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO-1449 be returned in accordance with MPEP §609.

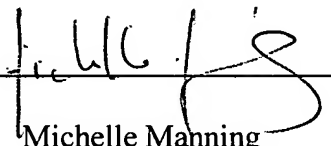
The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2350. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 50-2350.

Respectfully submitted,

Date September 8, 2004

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By

  
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Form PTO-1449 (MODIFIED) SEP 13 2004	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 047940-0148	SERIAL NO. 10/633,875
<b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)		APPLICANT Hassan M. FATHALLAH-SHAYKH	
		FILING DATE 08/04/2003	GROUP ART UNIT 2857

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
		6,636,646 B1	10/21/03	Gindele			

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Tusher, et al., "Significance Analysis of microarrays applied to the ionizing radiation response," <i>PNAS</i> , Vol. 98, No. 9, pp. 5116-5121, April 24, 2001.
		Newton, et al., "On differential variability of expression ratios: improving statistical inference about gene expression changes from microarray data," <i>Journal of Computational Biology</i> , Vol. 8, No. 1, pp. 37-52, 2001.
		Baggerly, et al., "Identifying differentially expressed genes in cDNA microarray experiments," <i>Journal of Computational Biology</i> , Vol. 8, No. 6, pp. 639-659, 2001.
		Alter, et al., "Singular value decomposition for genome-wide expression data processing and modeling," <i>PNAS</i> , Vol. 97, No. 18, pp. 10101-10106, August 29, 2000.

EXAMINER

DATE CONSIDERED

- \* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.